Amendment to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

1.(Currently Amended) A method for dynamically ~~determining~~ adapting a predetermined transmission sequence of a fine granular scalability (FGS) encoded video images composed of a plurality of macroblocks distributed among a plurality of bit-planes, to ~~allow for~~ selectively enhance~~ment of~~ a desired portions of said video image, ~~said transmission sequence being predetermined,~~ said method comprising the steps of:

determining ~~at least one~~ which of said FGS encoded macroblocks in each of said bit-planes is associated with said desired portion of said video image;

determining an order of transmission of ~~each of~~ said determined ~~at least one of said~~ FGS encoded macroblocks ~~with~~ using said predetermined transmission sequence; and

advancing ~~each of said at least one of~~ said determined FGS encoded macroblocks in said order of transmission ~~sequence order corresponding~~ according to a known level of enhancement.

2.(Currently Amended) The method as recited in claim 1 further comprising the step of:

filling said order of transmission ~~sequence~~ with a known value to maintain said transmission sequence ~~order~~.

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3.(Original) The method as recited in claim 2 wherein said known value is representative of a not significant value.

4.(Original) The method as recited in claim 1 further comprising the step of:

determining said desired portion from a user request.

5.(Original) The method as recited in claim 1 further comprising the step of:

determining said known enhancement level from a user request.

6.(Currently Amended) The method as recited in claim 1 further comprising the step of:

determining said desired portion in accordance with ~~known~~ at least one predetermined factors.

7.(Currently Amended) The method as recited in claim 6 wherein said ~~known~~ at least one predetermined factors ~~are~~ is selected from the group comprising: center of image, faces, and moving images~~, etc~~.

8.(Original) The method as recited in claim 1 wherein further comprising the step of:

determining said enhancement factor in accordance with an available network bandwidth.

9.(Currently Amended) The method as recited in claim 1 wherein said predetermined transmission sequence is selected from the group comprising: horizontal, vertical, diagonal, raster, progressive, and interlaced scans.

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10.(Canceled)

11.(Currently Amended) A device for dynamically ~~determining~~ adapting a predetermined transmission sequence of a fine granular scalability (FGS) encoded video images composed of a plurality of macroblocks distributed among a plurality of bit-planes, to ~~allow for~~ selectively enhance~~ment of~~ desired portions of said video image, ~~said transmission sequence being predetermined,~~ said device comprising:

means for determining ~~at least one~~ which of said FGS encoded macroblocks in each of said bit-planes is associated with said desired portion of said video image;

means for determining an order of transmission of ~~each of~~ said determined ~~at least one of said~~ FGS encoded macroblocks ~~with~~ using said predetermined transmission sequence; and

means for advancing ~~each of said at least one of~~ said determined FGS encoded macroblocks in said order of transmission ~~sequence order corresponding~~ according to a known level of enhancement.

12.(Currently Amended) The device as recited in claim 11 further comprising:

means for filling said order of transmission ~~sequence~~ with a known value to maintain said transmission sequence ~~order~~.

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13.(Original) The device as recited in claim 12 wherein said known value is representative of a not significant value.

14.(Original) The device as recited in claim 11 further comprising:

means for determining said desired portion from a user request.

15.(Original) The device as recited in claim 11 further comprising:

means for determining said known enhancement level from a user request.

16.(Currently Amended) The device as recited in claim 11 further comprising:

means for determining said desired portion in accordance with ~~known~~ at least one predetermined factors.

17.(Currently Amended) The device as recited in claim 16 wherein said ~~known~~ at least one predetermined factors ~~are~~ is selected from the group comprising: center of image, faces, moving images~~, etc.~~

18.(Original) The device as recited in claim 11 wherein further comprising:

means for determining said enhancement factor in accordance with an available network bandwidth.

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19.(Currently Amended) The device as recited in claim 11 wherein said predetermined transmission sequence is selected from the group comprising: horizontal, vertical, diagonal, raster, progressive, and interlaced scans.

20.(Canceled)

21.(Currently Amended) A system for dynamically ~~determining~~ adapting a predetermined transmission sequence of a fine granular scalability (FGS) encoded video images composed of a plurality of macroblocks distributed among a plurality of bit-planes, to ~~allow for~~ selectively enhancement of desired portions of said video image, ~~said transmission sequence being predetermined,~~ said system comprising:

a memory including

code for determining ~~at least one~~ which of said FGS encoded macroblocks in each of said bit-planes is associated with said desired portion of said video image;

code for determining an order of transmission of ~~each of~~ said determined ~~at least one of said~~ FGS encoded macroblocks ~~with~~ using said predetermined transmission sequence; and

code for advancing ~~each of said at least one of~~ said determined FGS encoded macroblocks in said order of transmission ~~sequence order corresponding~~ according to a known level of enhancement; and

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a processor in communication with said memory, said processor operable to execute said code.

22.(Currently Amended) The system as recited in claim 21 wherein said memory further includes:

code for filling said order of transmission ~~sequence~~ with a known value to maintain said transmission sequence ~~order~~.

23.(Original) The system as recited in claim 22 wherein said known value is representative of a not significant value.

24.(Original) The system as recited in claim 21 wherein said memory further includes:

code for determining said desired portion from a user request.

25.(Original) The system as recited in claim 21 wherein said memory further includes:

code for determining said known enhancement level from a user request.

26.(Currently Amended) The system as recited in claim 21 wherein said memory further includes:

code for determining said desired portion in accordance with ~~known~~ at least one predetermined factors.

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27.(Currently Amended) The system as recited in claim 26 wherein said ~~known~~ at least one predetermined factors ~~are~~ is selected from the group comprising: center of image, faces, and moving images~~, etc~~.

28.(Original) The system as recited in claim 21 wherein said memory further includes:

code for determining said enhancement factor in accordance with an available network bandwidth.

29.(Currently Amended) The system as recited in claim 21 wherein said predetermined transmission sequence is selected from the group comprising: horizontal, vertical, diagonal, raster, progressive, and interlaced scans.

30.(Canceled)

31.(Original) The system as recited in claim 21 further comprising:

an input/output device in communication with said processor.

32.(Original) The system as recited in claim 31 wherein said input/output device is operable to receive or transmit information over a network.

33.(Currently Amended) The system as recited in claim 32 wherein said network is selected from the group comprising: POTS, Internet, LAN, WAN, and Intranet.

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34.(Original) The system as recited in claim 32 wherein said user requests are received over said network.

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